

SMP7CTX220 Series Power Supply/Chargers

Description

Altronix SMP7CTX220 series power supply/chargers convert a 220VAC (working range 198VAC - 256VAC), 50/60Hz input into a single, four (4), eight (8) or sixteen (16) fuse/PTC protected outputs. Outputs are selectable for 12VDC or 24VDC with a total of 6A max.



SMP7PMP8CB220

Key Features

- Available with 1, 4, 8 or 16 outputs.
- Fused or PTC protected outputs.
- Supervision (where applicable, see Chart below):
 - AC Fail
 - Battery Fail and Low Battery.
- Built-in charger for sealed lead acid or gel type batteries.
- Instantaneous transfer to stand-by batteries.
- Short circuit and overload protection.
- AC input and DC output options.
- Power On/Off switch.
- Lifetime Warranty / Made in the U.S.A.

SMP7CTX220 series Power Supply Configuration Reference Chart

Altronix Model Number	Accessory Power Distribution Module(s)	Number of Outputs	Fused Outputs	PTC Outputs (auto-resettable)	Individual Output Rating (A)	Supervised	220VAC, 50/ 60Hz Input Current (A)	12/24VDC Total Output Current (A)	Accommodates Batteries
SMP7CTX220	-	1	-	-	6A	-	1.5A	6A	Two (2) 7AH
SMP7PMCTX220	-		-	-		Two (2) 7AH			
SMP7PMCTXX220	-		-	-		Two (2) 12AH			
SMP7PMP4220	PD4	4	✓	-	3.5A	✓			Two (2) 7AH
SMP7PMP4CB220	PD4CB		-	✓					2.5A
SMP7PMP8220	PD8	8	✓	-	3.5A	✓			Two (2) 7AH
SMP7PMP8CB220	PD8CB		-	✓					2.5A
SMP7PMP16220	PD16W	16	✓	-	3.5A	✓			Two (2) 7AH
SMP7PMP16CB220	PD16WCB		-	✓					2.5A

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Specifications

Input

Voltage 220VAC (working range 198VAC - 256VAC),
50/60Hz.

Outputs

Voltage 12VDC or 24VDC selectable.
Current 6A @ 12VDC or 24VDC continuous max.
Protection Fused 3.5A / PTC 2.5A.
Other Overvoltage protection.
Filtered and regulated.

Back-up Battery *(not included)*

Capacity 7AH / 12VDC (1 or 2 within enclosure).
12AH / 12VDC (requires larger "X" enclosure).
40 AH / 65 AH (requires separate enclosure).
Type Sealed lead acid or gel type.
Failover Upon AC loss, instantaneous.

Supervision *(where applicable)*

AC Failure Form "C" contacts.
Battery Low/Fail Form "C" contacts.

Indicators (LED)

Input 220VAC is present.
DC Output Powered.

Agency Listings

CE European Conformity

Physical and Environmental

Dimensions (H x W x D)

SMP7CTX220, SMP7PMCTX220, SMP7PMP4(CB)220,
SMP7PMP8(CB)220, SMP7PMP16(CB)220:
13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.55mm).
SMP7PMCTXX220:
15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm).

Product Weight / Shipping (approx.)

Model	Product Weight	Shipping Weight
SMP7(PM)CTX220	8.3 lbs. (3.76 kg)	9.3 lbs. (4.22 kg)
SMP7PMCTXX220	9.4 lbs. (4.26 kg)	10.7 lbs. (4.85 kg)
SMP7PMP4(CB)220	8.5 lbs. (3.85 kg)	9.5 lbs. (4.31 kg)
SMP7PMP8(CB)220	8.6 lbs. (3.90 kg)	9.6 lbs. (4.35 kg)
SMP7PMP16(CB)220	8.8 lbs. (3.99 kg)	9.8 lbs. (4.44 kg)

Temperature

Operating 0°C to 49°C (32°F to 120°F).
Storage -20°C to 70°C (-4°F to 158°F).

Relative Humidity 85% +/-5%.

BTU/Hr. (approx.):

12VDC: 37 BTU/Hr.
24VDC: 74 BTU/Hr.